Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Wednesday 30 Aug 2023 until 23:59 on Thursday 31 Aug 2023

Forecast Issued on Tuesday 29 Aug 2023 at 16:38

Confidence: High confidence for showery conditions on Wednesday, only moderate for the rain and showers on Thursday and Friday.

Headline for Wednesday 30 Aug 2023: Sunny spells and scattered showers.

Mountain weather hazards on Wednesday 30 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Fog	Sunny intervals	Light rain showers	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability							
10%	10%	10%	20%	30%	20%	10%	<05%

Forecast for Wednesday 30 Aug 2023

Weather: Some low cloud overnight, with isolated showers. Low cloud lifting and breaking during the morning, with sunny spells developing, but also with further isolated showers developing. Showers could be heavy with a low risk of thunder, mainly during the morning. Showers then easing through the afternoon, leading to a dry evening.

Chance of cloud-free hill tops above 600m: 60%, becoming 100% by mid-morning.

Low Cloud and visibility: Areas of cloud, base 500-600m, during the early hours. This lifting and breaking above the summits during the morning. Visibility mostly very good, but moderate in showers and very poor in low cloud covering the hills.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Wednesday 30 Aug 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/18 W	11/16 W	11/17 W	15/21 NW	14/20 NW	13/20 NW	8/14 W	7/12 W	6/9 W
300	7/19 W	6/16 W	6/16 NW	10/20 NW	11/20 NW	10/19 NW	7/14 W	5/12 W	3/7 SW
Valley	3/11 W	3/9 NW	2/7 NE	8/17 NW	10/19 NW	10/19 NW	6/14 W	3/7 W	2/4 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/5	8/5	7/4	9/6	11/8	12/9	11/9	8/6	8/6
300	10/8	9/8	9/8	12/10	15/12	15/13	13/12	9/8	8/7
Valley	10/10	10/9	10/9	14/12	16/14	16/14	15/14	11/11	9/9
Freezing Level*	1700m	1700m	1700m	1600m	1800m	1900m	1900m	1900m	1800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Moderate UV levels are likely in sunnier spells, so sun protection is recommended. That said, it will feel chilly early and late on the highest slopes, especially in the wind.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 29 Aug 2023	3.8mm	4mm	6mm

Forecast for Thursday 31 Aug 2023

Weather: Clear spells overnight, allowing some chilly temperatures. Cloud thickening through the morning, then lowering later in the afternoon, with rain likely arriving late afternoon or early evening. Rain could be heavy at times. Confidence is only moderate in timings, however.

Maximum wind: Southeasterly 10 mph, gusting 15-20 mph.

Chance of cloud-free hill tops above 600m: 90%, becoming 10-20% during the afternoon.

Low Cloud and visibility: Perhaps some patchy low cloud at first near summits, but otherwise cloud above hills through the morning. Cloud bases lowering later in the afternoon, with areas of cloud base 400-500m. Visibility good for much of the day, but becoming poor or very poor at times in rain and low cloud covering the hills later.

Temperature: **Valleys:** Plus 5C becoming plus 18C.
At 600m: Plus 11C.
Freezing level: Above the hills.

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